

# TB-ATOM

## Beschreibung

Das **TB-ATOM** basiert auf den Intel® Atom™ Prozessoren sowie dem Intel® SCH US15W (Poulsbo®) Chipsatz. Die Performance beträgt derzeit 1,1GHz bis 1,6GHz. Der Arbeitsspeicher DDR2-400/533MHz kann per So-DIMM Sockel (200pin) bis zu einer Größe von 2GB gesteckt werden. Der integrierte Grafikcontroller Intel® GMA 500 unterstützt CRT und LVDS Displays bis zu einer Auflösung von 1600x1200. Als Schnittstellen stehen zur Verfügung: Keyboard, Mouse, 1x RS232/422/485, 1x RS232, 4x USB 2.0 und 4x USB2.0 über Stiftleiste, Compact Flash™ Sockel, SD/SDIO Sockel, Gigabit Ethernet sowie ein Audio Interface (Line-out und Mic-in).

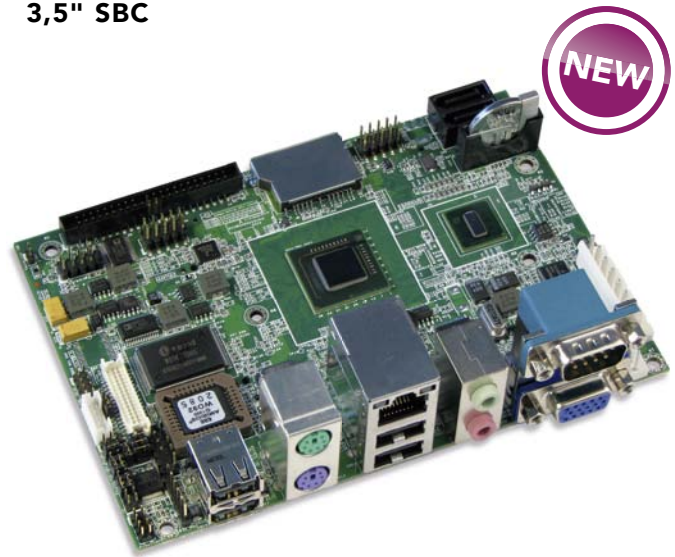
## Description

The **TB-ATOM** is based on the Intel® Atom™ processor, as well as the Intel® SCH US15W (Poulsbo®) chipset. The performance is currently 1,1GHz to 1,6GHz. The DDR2-RAM 400/533 supports up to 2GB and is added via So-DIMM socket. The graphic controller Intel® GMA 500 supports CRT and 18/24Bit LVDS displays up to a resolution of 1600x1200. This interfaces are available: keyboard, mouse, 1x RS232/422/485, 1x RS232, 4x USB2.0 and 4x USB2.0 via pinheader, Compact Flash™ socket, SD/SDIO socket, Gigabit Ethernet and a HD audio interface (Line-out and Mic-in).

## Technische Daten / Technical Data

Size	145x102mm
CPU	Intel® Atom™ Z510/Z530
CPU Clock Speed	1,1GHz - 1,6GHz
Chipset	Intel® SCH US15W (Poulsbo®)
Cache	512kB L2
System Memory	DDR2-400/533 up to 2GB
Video Controller	Intel® Graphics Media Accelerator GMA500
Video Memory	up to 256MB shared (Intel® DVMT)
CRT	✓
LCD	18/24Bit LVDS
ISA BUS	-
PCI BUS	-
MiniPCI	-
PCI Express	-
MiniPCI Express	-
CompactFlash™ card	✓
SD/SDIO card	✓
COM	1x RS232, 1x RS232/422/485
LPT	-
FDC	-
Keyboard	✓ PS/2
Mouse	✓ PS/2
USB	4x 2.0 und 4x 2.0 via pinheader
Sound	High definition audio
IDE	UDMA33/66/100
Serial ATA	2x
IR Interface	-
LAN1	10/100/1000MBit
LAN2	-
BIOS	AMI™
Power Management	ACPI 2.0/APM 1.2
Watchdog	1s - 255h
RTC Battery	✓
Power Normal	5V/1,5A
Cooling Type	passive / active
Operating Temp.	0°C to +60°C
Extended Temp.	-40°C to +85°C

## 3,5" SBC



## Bestellinformation / Ordering Information

Article	Part-No.	Description
TB-ATOM-Z510	P94000	Intel® Atom™ 1,1GHz
TB-ATOM-Z530	P94001	Intel® Atom™ 1,6GHz
Accessories		
Accessories	Part-No.	Description
DDR2 RAM 256	G80450	256MB DDR2-400 So-DIMM 200pin
DDR2 RAM 512	G80451	512MB DDR2-400 So-DIMM 200pin
DDR2 RAM 1024	G80452	1GB DDR2-400 So-DIMM 200pin
DDR2 RAM 2048	G80453	2GB DDR2-400 So-DIMM 200pin
DDR2 RAM 256	G80400	256MB DDR2-533 So-DIMM 200pin
DDR2 RAM 512	G80401	512MB DDR2-533 So-DIMM 200pin
DDR2 RAM 1024	G80402	1GB DDR2-533 So-DIMM 200pin
DDR2 RAM 2048	G80403	2GB DDR2-533 So-DIMM 200pin
CF-128MB	G81027	128MB CompactFlash™ Industrial
CF-256MB	G81028	256MB CompactFlash™ Industrial
CF-512MB	G81029	512MB CompactFlash™ Industrial
CF-1GB	G81030	1GB CompactFlash™ Industrial
CF-2GB	G81031	2GB CompactFlash™ Industrial
CF-4GB	G81032	4GB CompactFlash™ Industrial
CF-8GB	G81033	8GB CompactFlash™ Industrial
CF-16GB	G81034	16GB CompactFlash™ Industrial
Options		
Options	Part-No.	Description
Option-ET1	G93030	Ext. Temp. -40°C to +85°C